Palaeogeography, Palaeoclimatology, Palaeoecology, 100 (1993) 343–396
Elsevier Science Publishers B.V., Amsterdam

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Gasse, F., Fontes, J.C., Plaziat, J.C., Carbonel, P., Kaczmarska, I., De Deckker, P., Soulié-Marsche, I., Callot, Y. and Dupeuble, P.A., Biological remains, geochemistry and stable isotopes for the reconstruction of environmental and hydrological changes in the Holocene lakes from North Sahara (Erratum) ..... 64(1/2): 119
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Gregor, H.-J., *The Beginning of Birds* — Proceedings of the International Archaeopteryx Conference, Eichstät, 1984. by M.K. Hecht, J.H. Ostrom, G. Viohl and P. Wellnhofer (Editors) (Book Review) ..... 64(1/2): 116
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Tribovillard, N.-P., Gorin, G.E., Belin, S., Hopfgartner, G. and Pichon, R., Organic-rich biolaminated facies from a Kimmeridgian lagoonal environment in the French Southern Jura mountains — A way of estimating accumulation rate variations ..... 99(1/2): 163–177
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Yonekura, N., see Nakada, M. et al. ..... 85(1/2): 107–122
Yong Lao, see Benson, L. et al. ..... 95(1/2): 19– 32
York, L.L., Wehmiller, J.F., Cronin, T.M. and Ager, T.A., Stetson Pit, Dare County, North Carolina: an integrated chronologic, faunal, and floral record of subsurface coastal Quaternary sediments ..... 72(1/2): 115–132
Yoshida, T., A paleoecological study of molluscan fossil communities of the Takanabe Member, Miyazaki Group, southern Japan — with special reference to community structure ..... 60(3/4): 231–247
Young, G.C., Devonian palaeontological data and the Armorica problem ..... 60(3/4): 283–304
Young, G.M. and Gostin, V.A., Depositional environment and regional stratigraphic significance of the Serle Conglomerate: a Late Proterozoic submarine fan complex ..... 71(3/4): 237–252
Young, G.M., see Visser, J.N.J. and Young, G.M. ..... 81(1/2): 49– 57
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Young, T.P., Ooidal ironstones from Ordovician Gondwana: a review ..... 99(3/4): 321–347
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Yuretich, R., Paleocene lakes of the central Rocky Mountains, western United States ..... 70(1/3): 53– 63
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Zachos, J.C., Arthur, M.A. and Dean, W.E., Geochemical and paleoenvironmental variations across the Cretaceous/Tertiary boundary at Braggs, Alabama ..... 69(3/4): 245–266
Zachos, J.C., see Rea, D.K. et al. ..... 79(1/2): 117–128
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Zarate, M.A. and Fasano, J.L., The Plio-Pleistocene record of the central eastern Pampas, Buenos Aires province, Argentina: the Chapadmalal case study ..... 72(1/2): 27– 52
Zarlenga, F., see Malatesta, A. and Zarlenga, F. ..... 68(2/4): 311–315
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Ziegler, A.M., Preface to Special Issue "Fossils, Models and Climate" ..... 86(1/2): 1
Zinsmeister, W.J., Cretaceous paleogeography of Antarctica ..... 59(1/3): 197–206
Zou Jing-meng., The meteorological satellite programme of China ..... *90(1/3): 303–305
Zubackov, V.A. and Borzenkova, I.I., Pliocene palaeoclimates; past climates as possible analogues of mid twenty-first century climate ..... 65(1/2): 35– 49